1
*GAATTC*CGAT TTAGCCTCAT ACTGCTTCTC ACATTACATT GGGATGCGCT
51
TTGCAAACAC ACCCCAATGC TGCACTCATT GGGGAAGAGG TTGCTGCGAA
101
GAAGCAAACC CTTAAGAACG TCACAAACTA CATTACTGAT ATCATCTGCA
151
AGCGTGCAGA TCTTGGTTAC AACTATGGGG TTATCCTTAT ACCAGAAGGC
201
CTGATTGATT TCATCCCAGA GGTTCAAAAA CTCATCGCAG AATTGAATGA
251
AATTTTGGCA CATGATGTGG TTGATGAGGC AGGGGCCTGG AAAAGCAAGC
301
TTCAGCCTGA ATCAAAGGAG CTGTTTGAGT TTTTGCCCAA AACTATTCAG
351
GAGCAACTTA TGCTTGAAAG GGGCCCCCAT GGCAATGTTC AGGTTGCAAA
401
AATTGAAACC GAGAAAATGC TTATTAGCAT GGTGGAAACT GAACTGGAGA
451
AGAGAAAAGC AGAGGGGAGA TACTCTGCAC ATTTCAGAGG GCAAGCTCAT
501
TTCTTTGGGT ACGAAGGAAG ATGTGGCCTT CCTACCAATT TTGATTCTAA
551
CTATTGCTAT GCATTAGGCT ATGGTGCTGG TGCCCTTCTC CAAAGTGGGA
601
AGACAGGACT TATTTCATCG GTTGGCAACC TTGCGGCTCC AGTAGAAGAA
651
TGGACTGTTG GTGGAACAGC ATTGACATCA CTGATGGATG TTGAGAGGAG
701
GCATGGCAAG TTCAAGCCAG TGATCAAGAA GGCTATGGTG GAACTTGATG
751
CTGCACCTTT CAAGAAATAT GCATCAATGC GGGATGAGTG GGCCACCAAG
801
AACAGATACA TCAGCCCTGG CCCCATCCAG TTCAGTGGCC CTGGAAGTGA
851
TGACTCGAAC CACACTTTGA TGCTGGAACT CGGTGCTGAG TTATAGAGAT
901
GCGTCCTTTG CTTATTTTTG TTTCTTACAG TTTTGGGAGT GGAGACTGGA
951
CACTGGGTCT CCTGGAGCAG CCTGCAGTCT CCATATTGTG AATTGTTTAA
1001
TAAGAGGTTC GATGTGAGTT TTCTGCGTAG CGGACTGGAT GTAGCAAATA
1051
AGAACTGGTT TTAGCATTTT TTGTATGATT TACGCACCAA CTGACTTGTC
1101
TTGTAACCCT GATTCTGTTC CACTGGTTGC TATCTCGTGA GAATGAACAA
1151
GTTGATATGA GGCTAAATCG *GAATTC*

Figure 1.

1
ATGGCGGCGC CGAGCGGACC ATCACCTGGG ACTGGGAGGT TGGCGTCGGT
51
TTACAGCGAG GTGCAGACGA GCCGCCTCCA TCACGCGATC CGGCTCCCCT
101
CCGTCCTCTG CTCCCAATTC TCCCTCGTCG ATGGACCTCC CAGCTCAGCC
151
ACGGGGAACC CGGATGAGAT CGCGAAGCTG TTCCCTAACT TGTTTGGGCA
201
GCCGTCGGCG ACATTGGTGC CGGCCAAAGA GGCGGTGGAG GGGAAGGCGC
251
TGAAGGTCGG GGTGGTGCTC TCTGGTGGAC AAGCACCCGG TGGGCACAAT
301
GTGATCTGCG GTATCTTCGA TTTCTTGCAG AAACACGCAA AGGGAAGCAC
351
AATGTATGGA TTCAAAGGAG GCCCAGCAGG GGTGATGAAG TGCAAGTACG
401
TCAAACTCAA TACCGATTTC GTCTATCCCT ACAGAAACCA GGGTGGTTTT
451
GATATGATCT GTAGTGGAAG GGATAAGATT GAAACACCAG AGCAGTTTAA
501
GCAAGCCGAA GATACAGCCA ACAAACTTGA GTTGGACGGA CTTGTTGTTA
551
TTGGACGGGA CGATTCAAAT ACTCATGCTT GCCTCTTTGC TGAATACTTC
601
AGGAGTAAAA ATTTGAAAAC CCGTGTCATT GGCTGCCCAA AGACCATTGA
651
TGGTGATCTC AAATGCAAAG AGGTTCCAAC CAGTTTTGGA TTTGACACTG
701
CATGCAAGAT CTATTCAGAA ATGATTGGAA ATGTCATGAT TGATGCCCGA
751
TCAACTGGAA AATATTATCA CTTTGTACGG CTTATGGGGC GTGCTGCTTC
801
TCACATTACA TTGGGATGCG CTTTGCAAAC ACACCCCAAT GCTGCACTCA
851
TTGGGGAAGA GGTTGCTGCA AAGAAGCAAA CCCTTAAGAA CGTCACAAAC
901
TACATTACTG ATATCATCTG CGAGCGTGCA GATCTTGGTT ACAACTATGG
951
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1001
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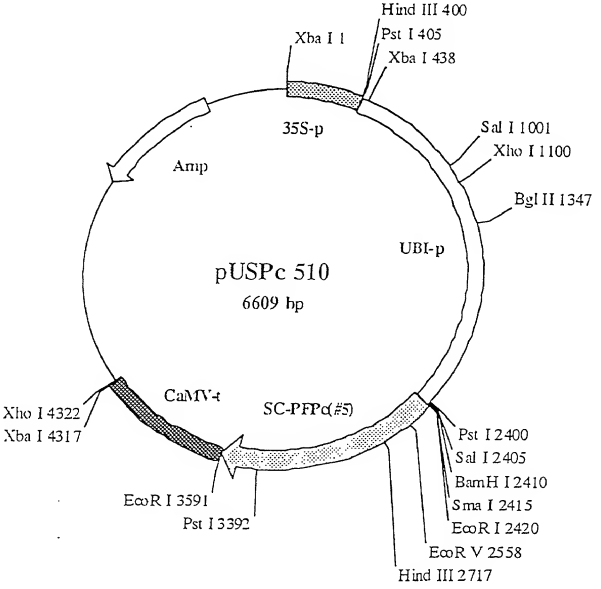
1051
GCAGGGGCCT GGAAAAGCAA GCTTCAGCCT GAATCAAAGG AGCTGTTTGA
1101
GTTTTTGCCC AAAACTATTC AGGAGCAACT TATGCTTGAA AGGGGCCCCC
1151
ATGGCAATGT TCAGGTTGCA AAAATTGAAA CCGAGAAAAT GCTTATTAGC
1201
ATGGTGGAAA CTGAACTGGA GAAGAGAAAA GCAGAGGGGA GATACTCTGC

Figure 2

1251
ACATTTCAGA GGGCAAGCTC ATTTCTTTGG GTACGAAGGA AGATGTGGCC
1301
TTCCTACCAA TTTTGATTCT AACTATTGCT ATGCATTAGG CTATGGGGCT
1351
GGTGCCCTTC TCCAAAGTGG GAAGACAGGA CTTATTTCAT CGGTTGGCAA
1401
CCTTGCGGCT CCAGTAGAAG AATGGACTGT TGGTGGAACA GCATTGACAT
1451
CACTGATGGA TGTGGAGAGG AGGCATGGCA AGTTCAAGCC AGTGATCGAG

1501
AAGGCTATGG TGGAACTTGA TGCTGCACCT TTCAAGAAAT ATGCATCAAT
1551
GCGGGATGAG TGGGCCACCA AGAACAGATA CATCAGCCCT GGCCCCATCC
1601
AGTTCAGTGG CCCTGGAAGT GATGACTCGA ACCACACTTT GATGCTGGAA
1651
CTCGGTGCTG AGTTATAG

Figure 2 cont.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Pst I 405
Xba I 438
Xba I 1
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Sal I 1001
Xho I 1100
Amp
Bgl II 1347
UBI-p
pUSPc 510
6609 bp
CaMV-t
SC-PFPc(#5)
Xho I 4322
Xba I 4317
Pst I 2400
Sal I 2405
BamH I 2410
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EcoR I 2420
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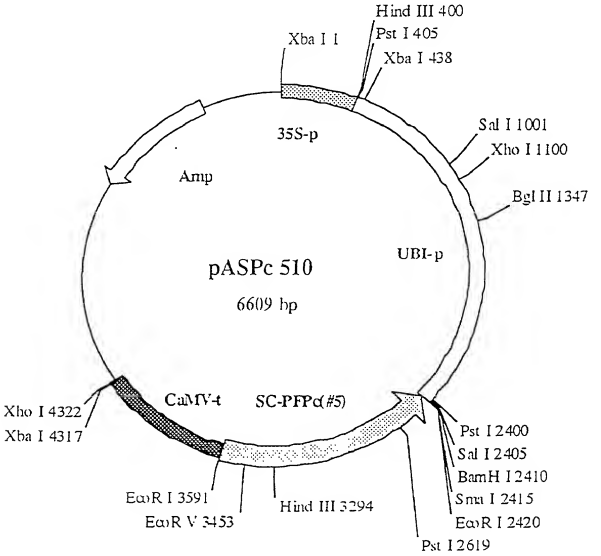
Hind III 2717
EcoR I 3591
Pst I 3392

Figure 3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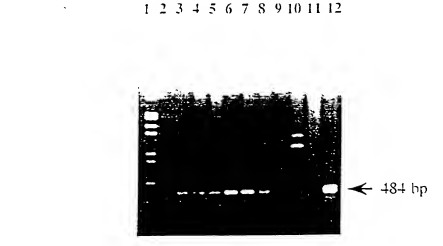
Pst I 405
Xba I 1
Xba I 438
35S-p
Sal I 1001
Xho I 1100
Amp
BglII 1347
UBI-p
pASPc 510
6609 bp
Xho I 4322
Xba I 4317
CaMV-t
SC-PFPα(#5)
Pst I 2400
Sal I 2405
BamH I 2410
Sma I 2415
EcoR I 2420
Pst I 2619
EcoR I 3591
EcoR V 3453
Hind III 3294

Figure 4



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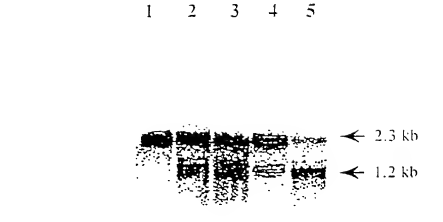

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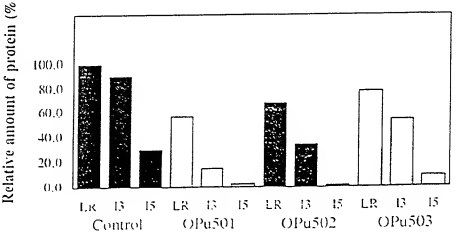

Figure 7